

Converting Colors

CIELCh(82, 20.436, 198.038)

Have a look what the booklet for
CIELCh(82, 20.436, 198.038)
contains.

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Color

CIELCh(82, 20.546, 197.977)

Conversions

Conversions Part 1

Format	Color
Hex	99D7D7
RGB	153, 215, 215
RGB Percent	60%, 84%, 84%
CMY	0.3999, 0.1567, 0.1567
CMYK	0.29, 0.00, 0.00, 0.16
HSL	180°, 44%, 72%
HSV	180°, 29%, 84%
XYZ	49.7194, 60.2982, 73.3273
YIQ	196.4620, -36.9520, -13.1440

Conversions

Conversions Part 2

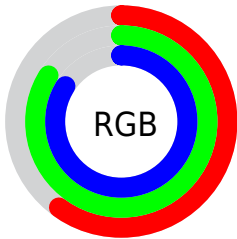
Format	Color
RYB	153, 184, 215
Decimal	10082263
CIELab	82.00, -19.54, -6.34
CIElCh	82, 20.546, 197.977
Yxy	60.2982, 0.2712, 0.3289
Android (android.graphics.Color)	4288272343 (0xFF99D7D7)
YUV	196.4620, 9.1392, -38.1162
Hunter-Lab	77.6519, -21.5998, -1.6317

Details

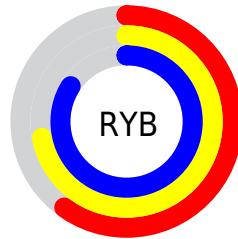
The CIELCh color **82, 20.546, 197.977** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 25.004, 21.769**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.314, 198.486**, and **62, 20.615, 197.618** is the 20% darker color. If you saturate the color by 10%, you get **81, 26.531, 197.556**, and if you desaturate by 10%, it is **83, 13.896, 198.451**.

Distribution



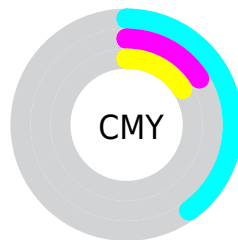
- Red (60%)
- Green (84%)
- Blue (84%)



- Red (60%)
- Yellow (72%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 20.546, 197.977 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 82, 20.546, 197.977 by changing the saturation by 10% instead.


 82, 20.546,
197.977


 82, 20.546,
197.977


 100, 20.546,
197.977


 72, 20.546,
197.977

 62, 20.546,
197.977

 52, 20.546,
197.977

 42, 20.546,
197.977

 32, 20.546,
197.977

 22, 20.546,
197.977

 12, 20.546,

197.977

■ 2, 20.546, 197.977

■ 0, 20.546, 197.977

■ 82, 20.546,
197.977

■ 82, 20.546,
197.977

■ 81, 26.531,
197.556

■ 83, 13.896,
198.451

■ 80, 31.731,
197.200

■ 85, 6.704, 199.007

■ 86, 0.907, 18.826

■ 79, 36.046,
196.910

■ 88, 8.827, 19.981

■ 79, 39.413,
196.686

■ 89, 14.844, 20.451

■ 79, 41.814,

■ 89, 14.844, 20.449

196.528

89, 14.844, 20.448

78, 43.291,
196.431

89, 14.844, 20.446

78, 44.001,
196.384

89, 14.844, 20.444

78, 44.066,
196.380

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82, 20.546, 197.977



69, 25.004, 21.769

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 20.546, 197.977



82, 20.546, 247.977



82, 20.546, 17.977



82, 20.546, 67.977

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82, 20.546, 197.973



98, 7.839, 198.991



81, 39.898, 142.052



52, 5.426, 198.902



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 20.546, 197.973



95, 27.891, 197.695



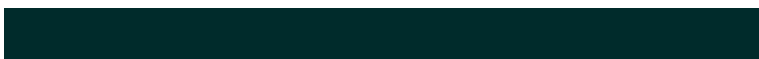
74, 19.013, 258.027



44, 4.287, 198.970



63, 37.124, 196.380



15, 14.559, 196.381

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



69, 25.004, 21.769



77, 35.691, 22.611



76, 20.758, 70.082



42, 4.550, 19.926



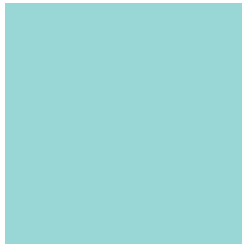
35, 77.347, 39.897



5, 22.000, 19.765

Previews

White Background



This preview shows how the CIELCh color 82, 20.546, 197.977 looks on a white background.

Color Contrast Check

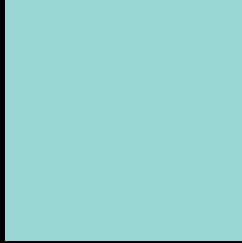
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 82, 20.546, 197.977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

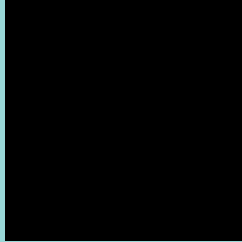
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

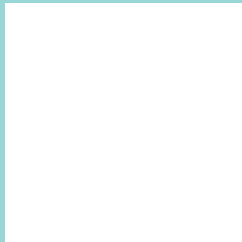
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 20.546, 197.977

Background



This preview shows how black text looks on a background with the CIELCh color 82, 20.546, 197.977.

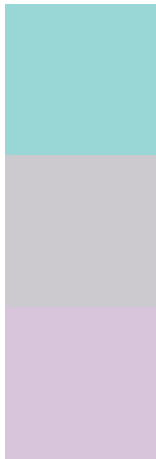


This preview shows how white text looks on a background with the CIELCh color 82, 20.546, 197.977.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
82, 20.546, 197.977

Protanopia
82, 2.887, 312.529

Deuteranopia
82, 13.577, 321.131

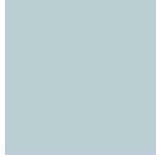


Tritanopia
82, 20.111, 225.085

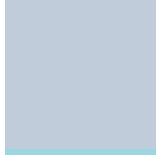
Trichromacy



Original Color
82, 20.546, 197.977



Protanomaly
82, 7.528, 211.189



Deuteranomaly
82, 8.286, 263.225

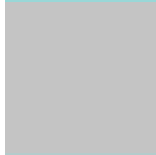


Tritanomaly
82, 19.830, 215.376

Monochromacy



Original Color
82, 20.546, 197.977



Achromatopsia
79, 0.010, 296.813



Achromatomaly
80, 8.154, 198.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 20.546, 197.977 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(153, 215, 215)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 215, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 20.546, 197.977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

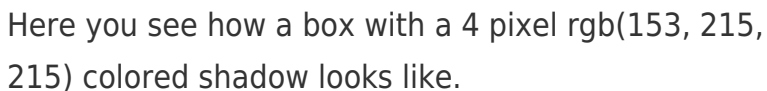
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 215, 215) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(153, 215, 215) }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel rgb(153, 215, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(153, 215,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 20.546, 197.977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 215, 215) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153,  
215, 215) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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